

# Work Order ID 77582

**\*77582\***

Page 1

Tuesday, December 13, 2011 2:42:27 PM

Item ID: D3784-044 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Seat Support Assembly, RH  
 Start Date: 12/13/2011 Start Qty: 2.00 **\*2\*** Cust Item ID:  
 Required Date: 1/5/2012 Req'd Qty: 2.00 **\*2\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3784	Rev B

100	Pick Kit	0.00
<b>*100*</b>		
Packaging	Memo	0.00
Packaging		

110	Small Fab	0.00
<b>*110*</b>		
Small Fab	Memo	0.00
Small Fab	1-assemble as per dwg D3784****Note 8: Hole "A" is located 5" from the end of D3770-3 tube and must be oriented down*****Note 8: Hole "B" is located 5" from the end of D3770-1 tube and must be oriented forward****	

120	QC5- Inspect part completeness to step on W/O	0.00
<b>*120*</b>		
QC	Memo	0.00
Quality Control		

*Handwritten signature* 11/12/21 (2)

*Handwritten signature* 11/12/21 (2)

*Handwritten signature* 12/12/21

*Handwritten signature* (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 77582

**\*77582\***

Page 2

Tuesday, December 13, 2011 2:42:27 PM

Item ID: D3784-044 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Seat Support Assembly, RH  
 Start Date: 12/13/2011 Start Qty: 2.00 **\*2\*** Cust Item ID:  
 Required Date: 1/5/2012 Req'd Qty: 2.00 **\*2\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>ST 248A</u>	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

*GP 11/12/21* *(2)*

*11/12/22* *(Signature)*

*MF*  
*11-12-21*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, December 13, 2011 2:42:32 PM

Page 1

Work Order ID: 77582

\*77582\*

Parent Item: D3784-044

\*D3784-044\*

Parent Item Name: Seat Support Assembly, RH

Start Date: 12/13/2011

Required Date: 1/5/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 08-05-19 new issue DD verified by:ec  
IPP Rev:B 08-07-18 revB as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN525-10R20		Purchased	No			110	Each	73.0000	4	8			
*AN525-10R20*													
Screw													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST346				73					
				114348				23					
				114354				50					
AN960JD10L	NAS1149D0332J	Purchased	No			110	Each	0.0000	4	8			
*AN960JD10L* 6 M118384													
Washer													
D3763-041		Manufactured	No			110	Each	8.0000	2	4			
*D3763-041*													
End Fitting Assembly													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST243				8					
				74621				4					
				74700				4					
D3763-044		Manufactured	No			110	Each	3.0000	1	2			
*D3763-044*													
End Fitting Assembly, RH													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST243				3					
				74738				3					

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, December 13, 2011 2:42:32 PM

Work Order ID: 77582

**\*77582\***

Parent Item: D3784-044

**\*D3784-044\***

Parent Item Name: Seat Support Assembly, RH

Start Date: 12/13/2011

Required Date: 1/5/2012

Start Qty: 2.00

Required Qty: 2.00

D3770-1 Manufactured No

110 Each 18.0000 1 2

**\*D3770-1\***

Tube

\*\*

*EP 11/12/21*

Location

Loc Qty

Loc Code

ST248

18

56569

2

65060

6

67360

10

*2*

D3770-3 Manufactured No

110 Each 8.0000 1 2

**\*D3770-3\***

Tube

\*\*

*EP 11/12/21*

Location

Loc Qty

Loc Code

ST250

6

65061

6

ST254

2

54318

2

*2*

MS21042L3 Purchased No

110 Each 7,067.000 4 8

**\*MS21042L3\***

Nut

\*\*

*EP 11/12/21*

Location

Loc Qty

Loc Code

ST300

7067

117441

16

117885

32

118451

5

118927

3

119017

5994

119075

1017

*8*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 71582

*R11-12-13*

**D3784-041 SEAT SUPPORT ASSY. CENTER**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-041)
1	D3770-1	TUBE	1
2	D3763-041	END FITTING ASSY	1
3	D3763-045	END FITTING ASSY	1
4	AN525-10R20	SCREW	2
5	NAS1149D0332J	WASHER (AN960JD10L)	2
6	MS21042L3	NUT	2

△  
△  
△  
△  
△  
△

- NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: 0.31 lbs

B	HARDWARE CHANGE, ASSY CHANGE	HS	08.06.23
A	NEW ISSUE	HS	08.06.04
REV.	DESCRIPTION	BY	DATE
DESIGN	HS	DART AEROSPACE LTD	
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D3784	SHEET 1 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SEAT SUPPORT ASSEMBLY	NTS
DATE	08.06.23	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

8 7 6 5 4 3 2 1

D

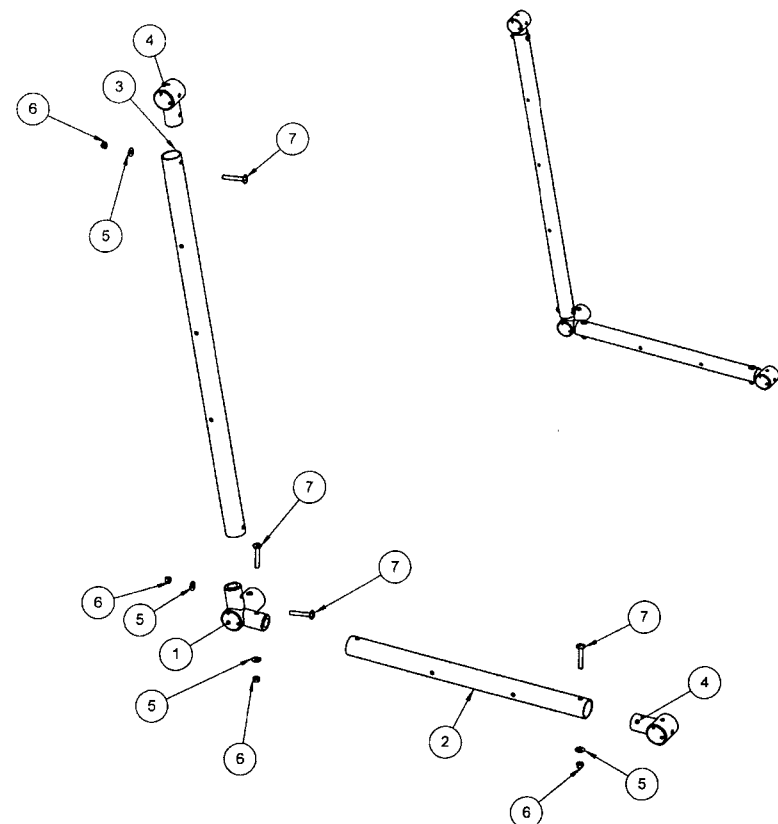
C

B

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-043)
1	D3763-043	END FITTING ASSY, LH	1
2	D3770-1	TUBE	1
3	D3770-3	TUBE	1
4	D3763-041	END FITTING ASSY	2
5	NAS1149D0332J	WASHER (AN960JD10L)	4
6	MS21042L3	NUT	4
7	AN525-10R20	SCREW	4

B  
B  
B



**D3784-043 SEAT SUPPORT ASSY, LH**

77582

08.07.10/11

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.78 lbs

DESIGN	HS	<b>DART AEROSPACE LTD</b>	
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	PA	DRAWING NO.	REV. B
MFG. APPR.	NO	<b>D3784</b>	SHEET 2 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	NO	<b>SEAT SUPPORT ASSEMBLY</b> NTS	
DATE	08.06.23	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

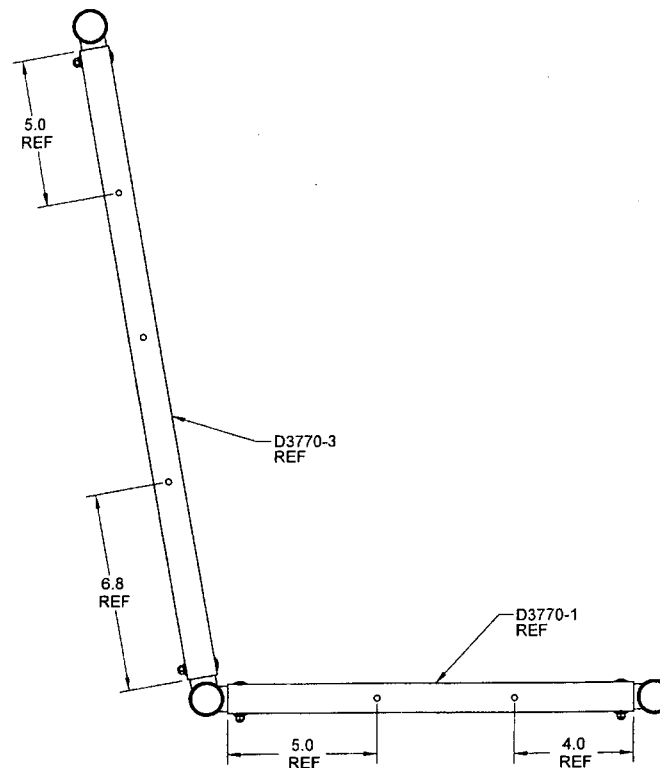
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D3784-043 SEAT SUPPORT ASSY, LH**

DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED	AP	DRAWING NO.	REV. B
MFG. APPR.	AP	<b>D3784</b>	SHEET 3 OF 5
APPROVED	AP	TITLE	SCALE
DE APPR.	AP	<b>SEAT SUPPORT ASSEMBLY</b>	NTS
DATE	08.06.23	<small>COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMPILED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

177582

08-07-10 1/11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

8 7 6 5 4 3 2 1

D

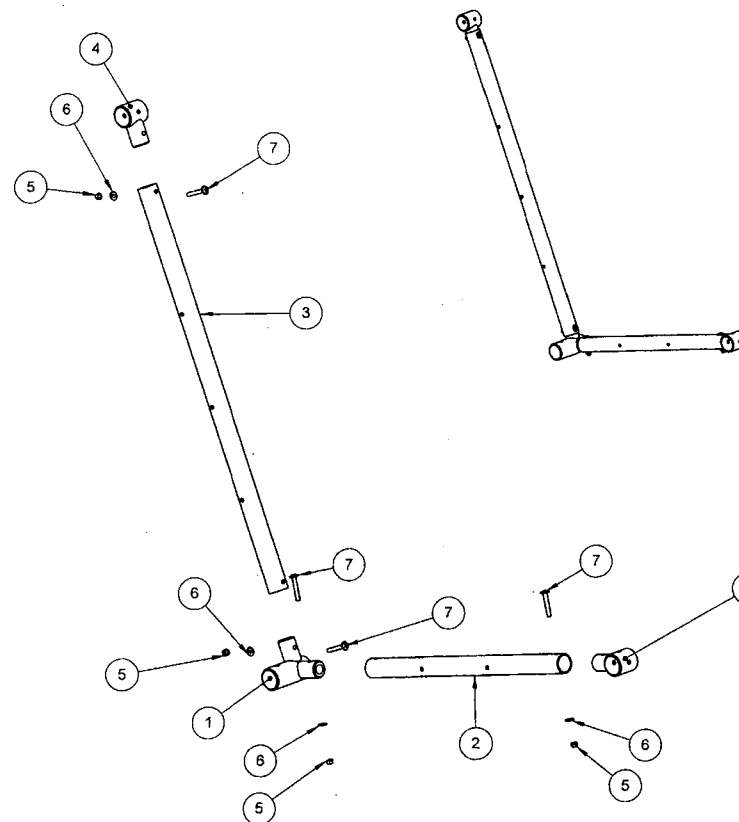
C

B

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-044)
1	D3763-044	END FITTING ASSY, RH	1
2	D3770-1	TUBE	1
3	D3770-3	TUBE	1
4	D3763-041	END FITTING ASSY	2
5	MS21042L3	NUT	4
6	NAS1149D0332J	WASHER (AN960JD10L)	4
7	AN525-10R20	SCREW	4

△  
B  
△  
B  
△  
B



**D3784-044 SEAT SUPPORT ASSY, RH**

77582

RELEASED

NOTES:  
 1) MATERIAL: N/A  
 2) FINISH: N/A  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
 6) IDENTIFICATION: N/A  
 7) WEIGHT: 0.78 lbs

DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D3784</b>	REV. B
MFG. APPR.	<i>[Signature]</i>	SHEET 4 OF 5	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>SEAT SUPPORT ASSEMBLY</b>	
DATE	08.06.23	NTS	

COPYRIGHT © 2008 BY DART AEROSPACE LTD  
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  
 NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  
 WRITTEN PERMISSION FROM DART AEROSPACE LTD.

8 7 6 5 4 3 2 1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

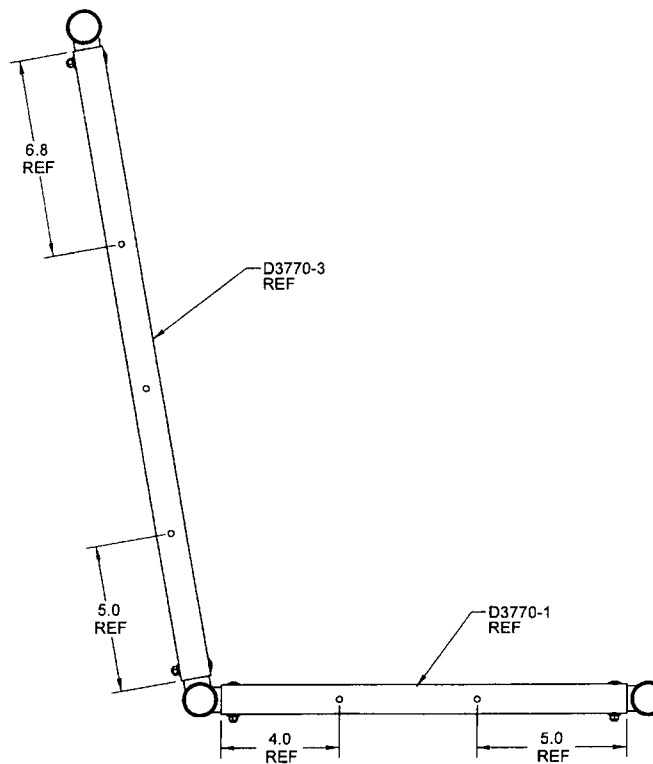
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





**D3784-044 SEAT SUPPORT ASSY, RH**

17582

RELEASED  
08-07-10

DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED	HS	DRAWING NO.	REV. B
MFG. APPR.	HS	<b>D3784</b>	SHEET 5 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	HS	<b>SEAT SUPPORT ASSEMBLY</b>	NTS
DATE	08.06.23	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries